SOUTHERN BOUNDARY OF A PIPELINE SERV 2M

N1 NATIONAL ROAD

SOUTHERN BOUNDARY OF A PIPELINE SERV 2M

PTN 414

PTN 448

ENGEN WINELANDS 1 STOP NORTH

ENGEN WINELANDS 1 STOP SOUTH

NRB112-21
132.769

NRB113-21
135.307

MH:56
CL:135.75
(CABLES)

DFA DUCT TO BE PROTECTED

DS-110

DFA DUCT OVERLAP

MH:114
CL:136.28
(CABLES)

PIPELINE SERV 3M

CONTINUE ON DWG
312-00827-N1ROF10

N1 CAPE TOWN

CONTINUE ON DWG
312-00827-N1ROF12

N1 PAARL

NRB110-21
126.306

NRB111-21
129.181

FMS FIBER NEW POSITION

POSSIBLE NEW LOCATION FOR THE FMS FIBER.

Paarl

Cape Town

PTN 384 PTN 345 PTN 346 PTN 347 PTN 33 PTN 50 PTN 51 PTN 52 PTN 53

N1

OFFRAMP 36 EB

ONRAMP 36 WB

VMS 109

FMS-17 FMS-18 FMS-19 FMS-20 FMS-21

29•000 29•100 29•200 29•300 29•400 29•500 29•600 29•700 29•800 29•900 30•000

+3744400 X +3744600 X +3744800 X +3745000 X

+2260000 Y +2260200 Y +2260400 Y +2260600 Y +2260800 Y

SERVICE NOTES:

1. WATER AND SEWER PIPES :
   - LONG SKEW CROSSINGS TO BE RELOCATED PERPENDICULAR TO ROAD WHERE POSSIBLE.
   - VALVE CHAMBERS AND MANHOLES TO BE RELOCATED OUTSIDE OF EXTENT OF WIDENED ROADWAY.
   - SIZE & CLASS OF PIPES TO BE AS PER SERVICE OWNER SPECIFICATIONS UNDER ROADWAY.

NOTES:

1. THE CONTRACTOR MUST INFORM THE ENGINEER AS SOON AS POSSIBLE SHOULD ANY DISCREPANCIES AND/OR AMBIGUITIES ARISE FROM INFORMATION PROVIDED ON THIS DRAWING.
2. FOR ALL TYPICAL ROAD CROSS-SECTIONS, REFER TO DRAWINGS 312-00827-01-RTC01 TO RTC08.
3. FOR ALL PAVEMENT DETAILS, REFER TO DRAWINGS 312-00827-01-RTCP01 TO RTCP06.
4. FOR ALL ROAD SETTING-OUT DATA, REFER TO DRAWINGS 312-00827-01-
5. FOR ALL LONGSECTION INFORMATION, REFER TO DRAWINGS 312-00827-01-
6. FOR ALL ROAD CROSS-SECTION INFORMATION,REFER TO DRAWINGS 312-00827-01-
7. FOR ALL EXISTING SERVICES INFORMATION, REFER TO THE SERVICES LAYOUTS 312-00827-01-
8. FOR ALL DRAINAGE INFORMATION, REFER TO DRAINAGE LAYOUTS.

LEGEND

- EXISTING FOUL SEWER PIPE
- EXISTING STORMWATER PIPE
- EXISTING STORMWATER MANHOLE
- EXISTING FOUL SEWER MANHOLE
- EXISTING WATERMAIN PIPE
- EXISTING BULK WATER PIPE
- EXISTING ELECTRIC BOX
- EXISTING STORMWATER CATCHPIT
- EXISTING CAMERA
- EXISTING SIGN BOARD/VMS
- EXISTING GPO MANHOLE
- EXISTING TELKOM/OPENSERVE FIBRE
- EXISTING ELECTRICAL CABLE FOR FMS
- EXISTING GANTRIES
- EXISTING ESKOM HV UG CABLE
- EXISTING ESKOM HV OG CABLE
- EXISTING LIGHT POLE
- EXISTING TELKOM CABLE
- EXISTING SANRAL OPTIC FIBRE
- EXISTING MTN FIBRE
- EXISTING POWER SUPPLY
- CONTROL POINT
- SIGN POST

LEGEND (NEW SERVICES)

- NEW FOUL SEWER PIPE
- NEW FOUL SEWER MANHOLE
- NEW WATERMAIN PIPE
- NEW TELKOM / OPENSERVE CABLE
- NEW TELKOM / OPENSERVE MANHOLE
- NEW 1200mmØ BULK WATERMAIN WEMMERSHOEK PIPE
- NEW SANRAL OPTIC FIBRE
- NEW SANRAL OPTIC FIBRE MANHOLE

No.	DATE	REVISION
V1	08/03/2024	ORIGINAL VERSION

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SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

WESTERN REGION
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Oakdale
Bellville
7530

Private Bag X19
Bellville
7535

Tel: (021) 957 4600

ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION

THE CAPACITY IMPROVEMENT OF NATIONAL ROUTE 1 SECTION 1 FROM OLD OAK INTERCHANGE (KM 18.90) TO KOELENHOF INTERCHANGE (KM 33.00)

SERVICES LAYOUT PLAN
- N1 RELOCATION OF SERVICES LAYOUT -
km 29.000 - km 30.000

SCALE @ A0: 1 : 1000 | SHEET 11 OF 14

PROJECT NUMBER	N001-010-2021/1
DRAWING LOCATION DATA	START / END
ROUTE	N01 / N01
SECTION	01 / 01
DRAWING km DISTANCE	
DRAWING TYPE	ROAD - UTILITIES
BRIDGE/STRUCTURE No.	N/A
CONSULTANT DRAWING No.	312-00827-01-N1ROF11 / VER
SANRAL DOCUMENT #	XXXXXX / V1

312-00827-01-N1ROF11